



04-12-02

2177

PATENT
450118-4848IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s)

Kazue NAKAMURA

Serial No.

09/446,769

Filed

May 5, 2000

For

DATA STORAGE AND RETRIEVAL APPARATUS AND
METHOD OF THE SAME

Examiner

S. T. Channavajjala

Art Unit

2177

RECEIVED
APR 15 2002
Technology Center 2100

745 Fifth Avenue
New York, NY 10151
Tel: 212-588-0800Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Transmitted herewith is an amendment in the above-identified application.

- No additional fee is required.
 The fee has been calculated as shown below.
 This is an application of a small entity under 37 CFR 1.9(f), and the amounts shown in parentheses apply.

Claims as Amended

(1)	(2) Claims remaining after amendment	(3)	(4) Highest number previously paid for	(5) Present extra	(6) Rate	(7) Additional Fee
Total claims	17	Minus	** =20	* 0 x	\$18 (9)	= \$ 0
Independent claims	2	Minus	*** =3	* 0 x	\$84 (42)	= \$ 0
Total additional fee for this amendment						\$ 0

* If the entry in Column 2 is less than the entry in Column 4, write "0" in Column 5.

** If the highest number of total claims previously paid for is less than 20, write "20" in this space.

*** If the highest number of independent claims previously paid for is less than 3, write "3" in this space.

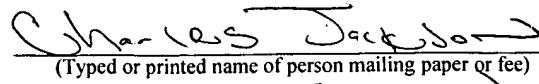
- This application contains a multiple dependent claim. The required fee of \$280(140) has been previously paid , or is paid herewith .
- This response is being filed within the month following the expiration of the term originally set therefor. This is a petition to request a month extension of time. A check covering the cost of the petition is enclosed.
- A check in the amount of \$____ is attached, which covers the cost of additional claims ____ petition for extension of time.
- Charge \$____ to Deposit Account No. 50-0320.
- Please charge any additional fees incurred by reason of this response or credit any overpayment to Deposit Account No. 50-0320.

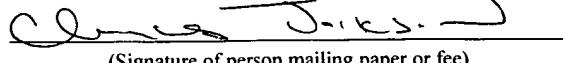
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Date of Deposit: April 10, 2002

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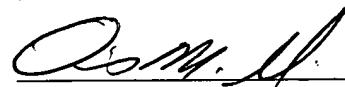

(Typed or printed name of person mailing paper or fee)


(Signature of person mailing paper or fee)

Respectfully submitted,

FROMMER LAWRENCE & HAUG LLP
Attorneys for Applicants

By:


Dennis M. Smid
Reg. No. 34,930
Tel: 212-588-0800



PATENT
450118-4848

#9
4/24/02
Perry

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Charles Jackson
(Typed or printed name of person mailing paper or fee)

Charles Jackson
(Signature of person mailing paper or fee)

RESPONSE TO OFFICE ACTION

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In response to the Office Action of January 11, 2002, please consider the following remarks.